

Year 5 Mathematics

Mock Paper A

35 questions • 35 practice marks

Name: _____

Class: _____ Date: _____

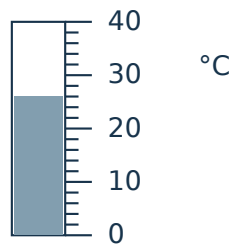
Before you begin

- Read each question carefully.
- Use the two answer sheets at the back. For a choice question, write its letter. For other questions, write your answer.
- You can show your working beside the question or on spare paper.
- If a question is tricky, try the next one. Come back to it later.
- Check your answers when you finish.

Teacher: choose a suitable pace. Suggested practice: two sessions of 17 and 18 questions. Confirm calculator and reading-support arrangements before starting. These are practice suggestions, not official SMART rules.

Original MrColeman Maths practice. Not an official SMART assessment.

01 Read the temperature. Each small interval represents 2°C .



A 26°C

B 28°C

C 32°C

D 24°C

02 $90 + \underline{\quad} = 150$. Find the missing number.

A 60

B 70

C 50

D 240

03 Find the total value of these coins.



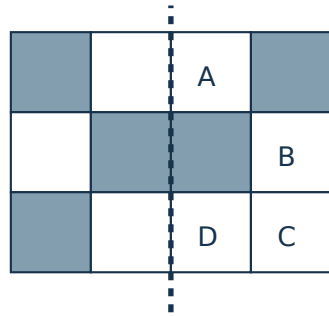
A \$5

B \$8

C \$7

D \$9

- 04** Which labelled square must be shaded to make the pattern symmetrical about the dashed line?



Write your answer on the answer sheet.

- 05** Which expression equals 5 274?

A $5\,000 + 20 + 700 + 4$

B $500 + 2\,000 + 70 + 4$

C $5\,000 + 200 + 70 + 4$

D $5\,000 + 200 + 7 + 4$

- 06** Calculate 8×7 .

Write your answer on the answer sheet.

- 07** A digital clock reads 6:52. Which description is correct?
- | | |
|----------------------------|--------------------------|
| A Fifty-two minutes to six | B Seven minutes to seven |
| C Eight minutes past six | D Eight minutes to seven |

-
- 08** What comes next? 654 320, 644 320, 634 320, __.
- | | |
|-----------|-----------|
| A 534 320 | B 644 320 |
| C 633 320 | D 624 320 |

-
- 09** Which operation changes 7.34 into 734?
- | | |
|------------------|-------------------|
| A Multiply by 10 | B Add 100 |
| C Divide by 100 | D Multiply by 100 |
-

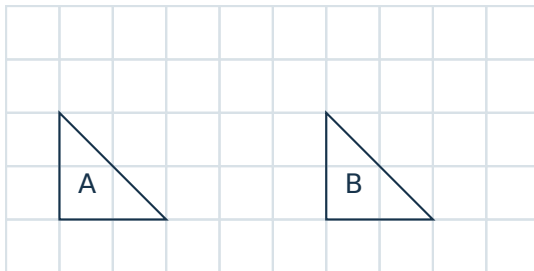
- 10** A leaf is 9.6 cm long. How long is it in millimetres?
- | | |
|-----------|----------|
| A 0.96 mm | B 960 mm |
| C 96 mm | D 9.6 mm |

-
- 11** A bag holds 12 counters: 5 red, 4 blue and 3 yellow. What is the chance of picking yellow at random?
- | | |
|------------------|------------------|
| A $\frac{3}{12}$ | B $\frac{9}{12}$ |
| C $\frac{1}{12}$ | D $\frac{3}{9}$ |

-
- 12** Which subtraction has the same answer as $72 \div 9$?
- | | |
|-------------|------------|
| A $20 - 10$ | B $15 - 7$ |
| C $18 - 6$ | D $14 - 5$ |
-

- 13** Mia eats $\frac{3}{4}$ of a loaf. Leo eats $\frac{2}{4}$ of another loaf of the same size. How much bread do they eat altogether?
- A $1\frac{1}{4}$ loaves
B $\frac{5}{8}$ of a loaf
C $\frac{1}{4}$ of a loaf
D $1\frac{1}{2}$ loaves

- 14** Describe the translation that moves triangle A to triangle B.



- A 5 squares right
B 4 squares right
C 4 squares left
D 5 squares left
- 15** A box contains 90 pencils. Ten percent are red. How many pencils are red?
- A 45
B 10
C 9
D 81

- 16** How many children threw a ball 15 metres or more?

Distance (m)	Children
5-9	3
10-14	5
15-19	8
20-24	6
25-29	4

Write your answer on the answer sheet.

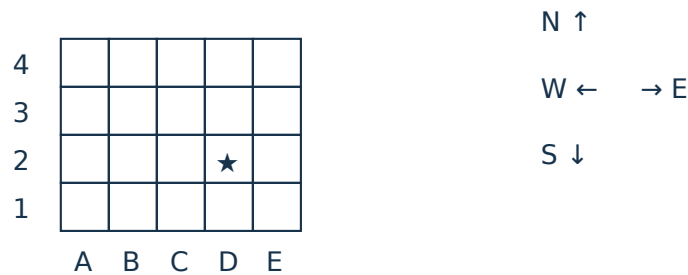
- 17** Calculate $6.85 + 3.7$.

Write your answer on the answer sheet.

- 18** $__ - 180 = 240 + 130$. Find the missing number.

Write your answer on the answer sheet.

19 What is the grid reference of the games tent marked with a star?



- A D2

C D3
- B B4

D C2

20 How many students in Room B chose pasta?

Class	Pasta	Rice	Total
Room A	14	6	20
Room B	?	9	22
Total	27	15	42

Write your answer on the answer sheet.

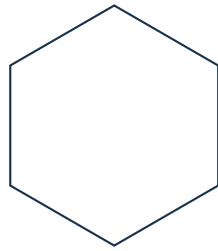
21 Which regular polygon has eight sides?

- A Pentagon

C Hexagon
- B Decagon

D Octagon

- 22** A regular hexagon has sides 3 m long. Find its perimeter.



A 15 m
C 18 m

B 12 m
D 9 m

- 23** Which shape has NO pair of parallel sides?

A Rectangle
C Square

B Triangle
D Regular hexagon

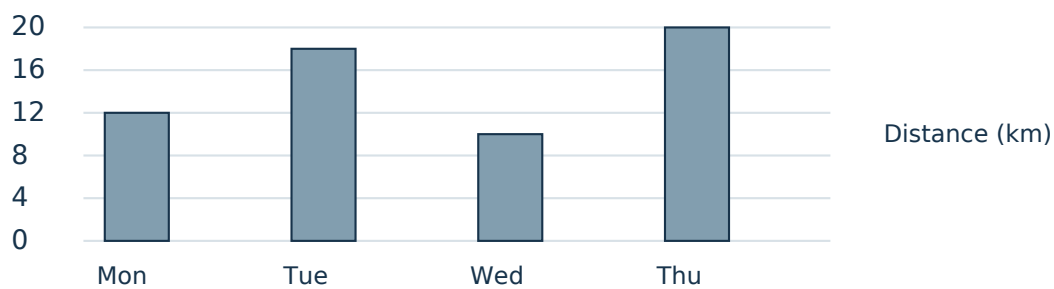
- 24** The temperature is 3°C . It falls by 8°C . What is the new temperature?

A 11°C
C -8°C

B 5°C
D -5°C

- 25** Share 144 seedlings equally among 4 classes. How many does each class receive?
- A 48
B 36
C 40
D 34

- 26** Correct cycling distances are Mon 12 km, Tue 18 km, Wed 15 km and Thu 20 km. Which bar is wrong?



- A Monday
C Wednesday
- B Thursday
D Tuesday

- 27** Cycling distances are 12, 18, 15 and 20 km. What is the total?
- A 65 km B 75 km
C 60 km D 55 km

- 28** Which TWO distances round to 18 km to the nearest whole kilometre? Write both values: 17.4 km, 17.7 km, 18.2 km, 18.6 km.

Write your answer on the answer sheet.

- 29** A food bank has 3 600 parcels. It receives 1 800 more and gives out 950. How many remain?

A 5 400

B 4 350

C 4 450

D 6 350

- 30** The clock shows the time now. A bus is due at 10:12 am. How many minutes until it arrives?



A 12 minutes

B 24 minutes

C 18 minutes

D 36 minutes

- 31** A fair spinner has 10 equal sections. One is gold and the rest are blue. Which word best describes landing on gold?
- A Unlikely B Impossible
C Certain D Likely

- 32** A game costs \$4 per turn. There are 135 turns played. How much money is collected?
- A \$560
B \$540
C \$440
D \$139

- 33** A game costs \$4 per turn. You pay \$20 and get \$4 change. How many turns did you buy?

Write your answer on the answer sheet.

- 34** Savings totals at the ends of weeks 1 to 4 are \$28, \$43, \$58 and \$73. The same amount is saved each week. What is the total at the end of week 6?

Write your answer on the answer sheet.

-
- 35** Which fraction makes this true: $\frac{3}{4} < \underline{\hspace{1cm}}$?
- | | |
|-----------------|-----------------|
| A $\frac{1}{2}$ | B $\frac{6}{8}$ |
| C $\frac{7}{8}$ | D $\frac{2}{3}$ |
-

Answers 1-18

Name: _____ Class: _____

1 A / B / C / D: _____

2 A / B / C / D: _____

3 A / B / C / D: _____

4 Answer: _____

5 A / B / C / D: _____

6 Answer: _____

7 A / B / C / D: _____

8 A / B / C / D: _____

9 A / B / C / D: _____

10 A / B / C / D: _____

11 A / B / C / D: _____

12 A / B / C / D: _____

13 A / B / C / D: _____

14 A / B / C / D: _____

15 A / B / C / D: _____

16 Answer: _____

17 Answer: _____

18 Answer: _____

Answers 19-35

Name: _____ Class: _____

19 A / B / C / D: _____

20 Answer: _____

21 A / B / C / D: _____

22 A / B / C / D: _____

23 A / B / C / D: _____

24 A / B / C / D: _____

25 A / B / C / D: _____

26 A / B / C / D: _____

27 A / B / C / D: _____

28 Answer: _____

29 A / B / C / D: _____

30 A / B / C / D: _____

31 A / B / C / D: _____

32 A / B / C / D: _____

33 Answer: _____

34 Answer: _____

35 A / B / C / D: _____